

University Place – Center for Higher Education (CHE) 1770 Science Center Drive Idaho Falls, ID 83402

Tuesday, August 11 – Tutorials

7:00 a.m. Registration

7:30 a.m. Welcome, Introductions and Logistics

8:00 a.m. Tutorial Overview

8:15 a.m. Session 1 – Control System Software, Hardware, Resilience and Human Factors

9:45 a.m. **BREAK**

10:15 a.m. **Session 2 –** Software Vulnerabilities

12:00 p.m. HOSTED LUNCH

1:00 p.m. Session 3 – Human Vulnerabilities

2:30 p.m. BREAK

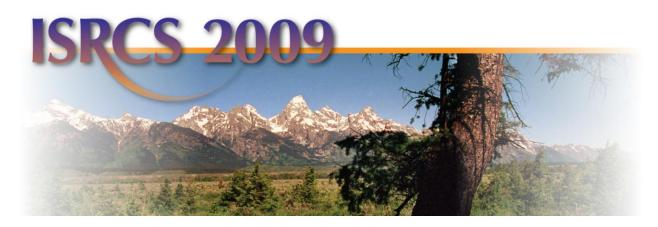
3:00 p.m. Session 4 – Human Systems: Resilience, Human Factors and Reliability

5:00 p.m. **Path Forward** – Resilience, where do we go from here?

5:15 p.m. Adjourn for the day

6:00 p.m. Sponsored working dinner at CAES (special invitation only)

^{*} Schedule subject to change



Wednesday, August 12 - Papers and Demo

7:45 a.m. Daily Agenda

8:00 a.m. Keynote 1: Fundamentals to Engineer Resilient Systems: How Adaptive

Systems Fail and the Quest for Polycentric Control Architectures by David

Woods, The Ohio State University

9:00 a.m. Keynote 2: Security Economics and Critical National Infrastructure by Ross

Anderson, Cambridge University

10:00 a.m. **BREAK**

10:30 a.m. Human Systems/Cyber Awareness Papers

12:30 p.m. HOSTED LUNCH

1:30 p.m. Leave for CSAC Facility

1:45 p.m. CSAC Demo

5:30 p.m. Adjourn until social

6:30 p.m. Hosted social at Art Museum of Eastern Idaho

^{*} Schedule subject to change



Thursday, August 13 – Panel Discussions

7:45 a.m. Daily Agenda

8:00 a.m. Keynote 3: The architecture of robust, evolvable networks by John Doyle,

Caltech

9:00 a.m. Keynote 4: North American Bulk Power System: Need for Resilient and Secure

Designs by Michael Assante, North American Electric Reliability Corporation

10:00 a.m. **BREAK**

10:30 a.m. Panel Discussion on Human Systems and Cyber Awareness (each topic in

separate rooms)

12:30 p.m. Thanks, Concluding Comments and Next Year

12:35 p.m. Adjourn



Yellowstone Tour - Friday, August 14

6:00 am Meet at AmeriTel Inn

6:15 am Meet at Shilo Inn

6:30 - 8:30 am Drive to Yellowstone (stop at IMAX to pick up Xanterra tour guide)

8:30 – 12:00 pm Canyon, Hayden Valley, other sightseeing

12:00 – 1:30 pm **LUNCH at Lake Village** (Yellowstone dollars will be provided for lunch)

1:30 – 6:00 pm Old Faithful, Paint Pots, other sightseeing

6:00 – 8:00 pm Return to Idaho Falls

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